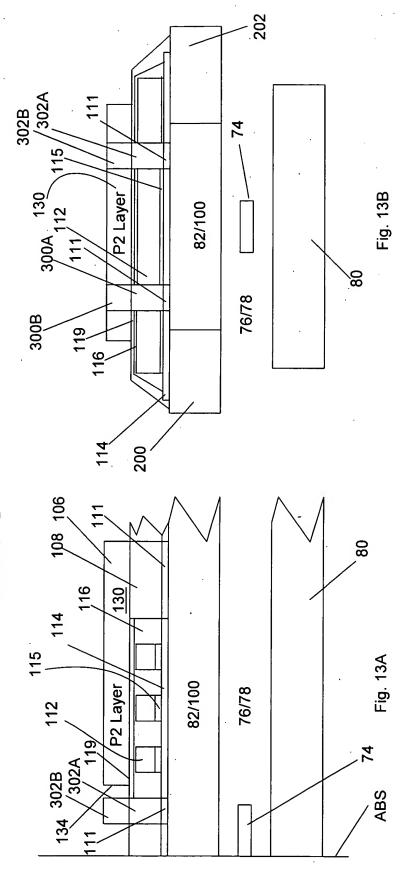


Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE

Applicant: Quang Le Docket: HSJ920030011US2/HITG.074CIP1

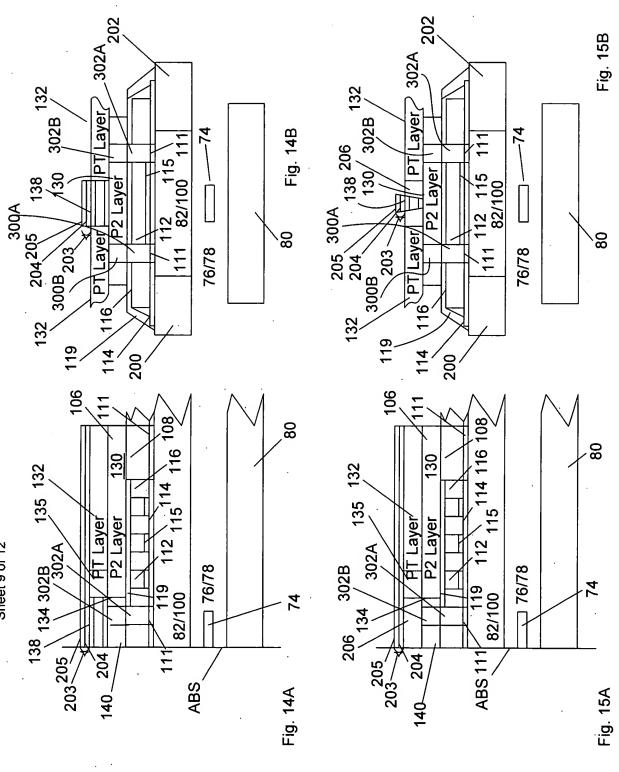
Sheet 8 of 12





Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE Applicant: Quang Le

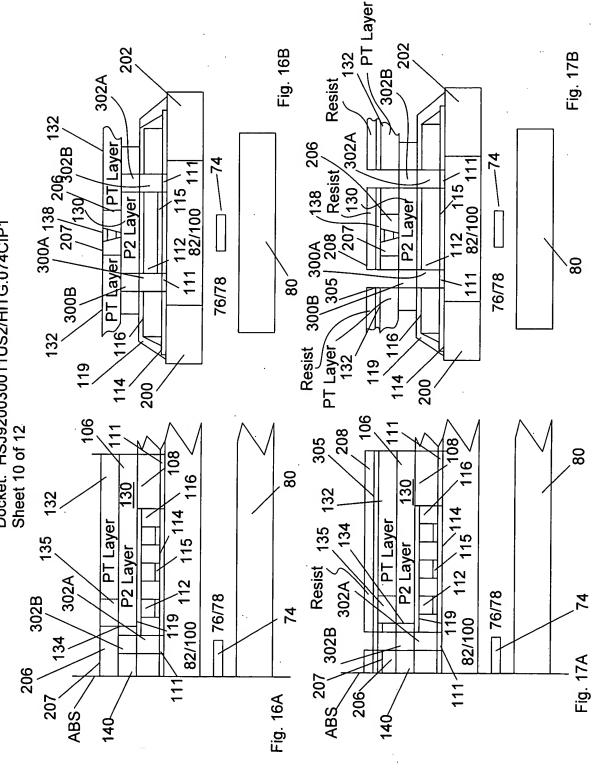
Docket: HSJ920030011US2/HITG.074CIP1 Sheet 9 of 12





WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A

Docket: HSJ920030011US2/HITG.074CIP1 Applicant: Quang Le

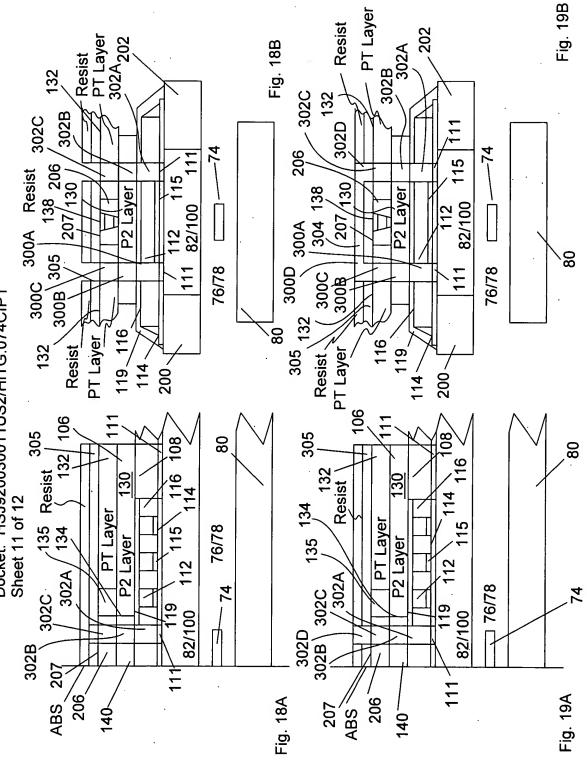




WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A

Applicant: Quang Le

Docket: HSJ920030011US2/HITG.074CIP1





Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE

Applicant: Quang Le

PT Layer 302B 302B 302A PT Layer 202 Seed-Layer 202 Fig. 21B Fig. 20B 132 302C 302D 302A 132 302C 302D 206 206 207 15 38 115 130 P2 Layer /207138/ P2 Layér Overcoat 82/100 82/100 112 112 7 130 304 300C / 300B / 304 Docket: HSJ920030011US2/HITG.074CIP1 300B 300D 80 111 76/78 76/78 300C 300A Seed-Layer 80 PT Layer 305 132\ PT Layer 300A 305 -132 ~ 312 -116-119-116 200 114 114 119 200 106 305 80 80 Sheet 12 of 12 312 305 80 80 130 30 132 132 4 134 | Seed-Layer / 76/78 PT Layer PT Layer Overcoat 135 P2 Layer P2 Layer 112 112 76/78 302C 302D 302A 134 74 74 <u>0</u> 135 82/100 82/100 302A 302C 7 302D Fig. 20A ABS 206 -140-ABS. Fig. 21A 207 140 302B~ 207 302B 206_